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Varnish dried by UV light, used as barrier agent in  
 packaging - comprises mixture of at least one fluorinated polymer,  
 methacrylate, polyacrylic resin in aqueous solution, wax and silicone

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Patent Family:

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FR 2739838	A3	19970418	FR 9315969	A	19931231	199723 B

Priority Applications (No Type Date): FR 9315969 A 19931231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2739838	A3	14	B65D-005/62		

Abstract (Basic): FR 2739838 A

Barrier agent intended for packaging comprises a mixture of at least one fluorinated polymer; a methacrylate; acrylic resins in aqueous solution; waxes; and silicones.

Also claimed is process for treating packaging with barrier agent. Preferably barrier agent contains 4-10 wt.% fluorinated polymer; 10-30 wt.% methacrylate; 30-50 wt.% acrylic resins; 1-4 wt.% surface tension reducer; optionally 5-20 wt.% pore-blocker (for use with porous substrates); and 10-15 wt.% water. Agent shows permeability to water vapour 20-120; carbonic acid gas 50-150; and oxygen 30-100.

USE - For use as barrier in packaging of e.g. flour, dried fruits and vegetables, and sugar.

ADVANTAGE - An effective barrier against water, solvents, and grease is provided at an acceptable price.

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Derwent Class: A14; A82; G02; Q32; Q33; Q34

International Patent Class (Main): B65D-005/62

International Patent Class (Additional): B65D-053/06; B65D-075/30

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